

CLAIMS

What is claimed is:

- 1 1. A system for detection of a watermark in digital content, comprising:
2 a recording device having a first watermark detection component of a first
3 sensitivity for detecting the watermark in digital content; and
4 a playback device having a second watermark detection component of a
5 second sensitivity for detecting the watermark in a digital content recording made
6 by the recording device;
7 wherein the first sensitivity is more sensitive than the second sensitivity.
8
- 1 2. The system of claim 1, wherein the digital content is unencrypted.
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- 1 3. The system of claim 1, wherein the first sensitivity causes the first
2 watermark detection component to check multiple channels of the digital content
3 for the watermark when the digital content comprises multi-channel audio data.
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- 1 4. The system of claim 1, wherein first sensitivity causes the first
2 watermark detection component to check the digital content for the watermark
3 more often than the second watermark detection component.
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- 1 5. The system of claim 1, wherein the first sensitivity for the first
2 watermark detection component causes the recording device to check the digital
3 content for the watermark with a computational precision less than a
4 computational precision of the second watermark detection component.
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- 1 6. A recording device for recording digital content for playback by a
2 playback device comprising:

3 a watermark detection component for detecting a watermark in the digital
4 content, the watermark detection component being more sensitive for detecting
5 the watermark than a watermark detection component in the playback device.
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1 7. The recording device of claim 6, wherein the watermark detection
2 component of the recording device checks multiple channels of the digital
3 content for the watermark when the digital content comprises multi-channel
4 audio data.
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1 8. The recording device of claim 6, wherein the watermark detection
2 component of the recording device checks the digital content for the watermark
3 more often than the watermark detection component in the playback device.
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1 9. The recording device of claim 6, wherein the watermark detection
2 component of the recording device checks the digital content for the watermark
3 with a computational precision less than a computational precision of the
4 watermark detection component of the playback device.
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1 10. A playback device for processing digital content recorded by a
2 recording device comprising:
3 a watermark detection component for detecting a watermark in the digital
4 content, the watermark detection component being less sensitive for detecting
5 the watermark than a watermark detection component in the recording device.
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1 11. The playback device of claim 10, wherein the watermark detection
2 component of the playback device checks the digital content for the watermark
3 less often than the watermark detection component in the recording device.
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1 12. The playback device of claim 10, wherein the watermark detection
2 component of the playback device checks the digital content for the watermark

3 with a computational precision more than a computational precision of the
4 watermark detection component of the recording device.

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1 13. A method for processing unencrypted digital content in a recording
2 device for subsequent playback by a playback device comprising:

3 attempting to detect a watermark in the unencrypted digital content by a
4 watermark detection component of the recording device, the detection being
5 more sensitive for detecting the watermark than a detection operation of a
6 watermark detection component of the playback device;

7 making an unencrypted recording of the unencrypted digital content when
8 the watermark is not detected in the unencrypted digital content; and

9 making an encrypted recording of the unencrypted digital content when
10 the watermark is detected in the unencrypted digital content.

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1 14. The method of claim 13, wherein attempting to detect the watermark
2 comprises checking multiple channels of the unencrypted digital content for the
3 watermark when the unencrypted digital content comprises multi-channel audio
4 data.

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1 15. The method of claim 13, wherein attempting to detect the watermark
2 comprises checking the unencrypted digital content for the watermark more often
3 than the watermark detection component in the playback device.

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1 16. The method of claim 13, wherein attempting to detect the watermark
2 comprises checking the unencrypted digital content for the watermark with a
3 computational precision less than a computational precision of the watermark
4 detection component of the playback device.

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1 17. A method of processing, in a playback device, a digital content
2 recording made by a recording device comprising:

3 recognizing whether the digital content recording is encrypted or
4 unencrypted;

5 attempting, by a watermark detection component of the playback device,
6 to detect a watermark in the digital content recording when the digital content
7 recording is unencrypted, the detection being less sensitive for detecting the
8 watermark than a detection operation of a watermark detection component of the
9 recording device;

10 playing the digital content recording when the watermark is not detected;
11 and
12 not playing the digital content recording when the watermark is detected.

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1 18. The method of claim 17, wherein attempting to detect the watermark
2 comprises checking the digital content recording for the watermark less often
3 than the watermark detection component in the recording device.

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1 19. The method of claim 17, wherein attempting to detect the watermark
2 comprises checking the digital content recording for the watermark with a
3 computational precision more than a computational precision of the watermark
4 detection component of the recording device.

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1 20. An article comprising: a storage medium having a plurality of machine
2 readable instructions, wherein when the instructions are executed by a
3 processor, the instructions provide for processing unencrypted digital content in
4 a recording device for subsequent playback by a playback device by
5 attempting to detect a watermark in the unencrypted digital content by a
6 watermark detection component of the recording device, the detection being
7 more sensitive for detecting the watermark than a detection operation of a
8 watermark detection component of the playback device;
9 making an unencrypted recording of the unencrypted digital content when
10 the watermark is not detected in the unencrypted digital content; and

11 making an encrypted recording of the unencrypted digital content when
12 the watermark is detected in the unencrypted digital content.

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1 21. The article of claim 20, wherein instructions for attempting to detect
2 the watermark comprise instructions for checking multiple channels of the
3 unencrypted digital content for the watermark when the unencrypted digital
4 content comprises multi-channel audio data.

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1 22. The article of claim 20, wherein instructions for attempting to detect
2 the watermark comprise instructions for checking the unencrypted digital content
3 for the watermark more often than the watermark detection component in the
4 playback device.

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1 23. The article of claim 20, wherein instructions for attempting to detect
2 the watermark comprise instructions for checking the unencrypted digital content
3 for the watermark with a computational precision less than a computational
4 precision of the watermark detection component of the playback device.

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1 24. An article comprising: a storage medium having a plurality of machine
2 readable instructions, wherein when the instructions are executed by a
3 processor, the instructions provide for processing, in a playback device, a digital
4 content recording made by a recording device by

5 recognizing whether the digital content recording is encrypted or
6 unencrypted;

7 attempting, by a watermark detection component of the playback device,
8 to detect a watermark in the digital content recording when the digital content
9 recording is unencrypted, the detection being less sensitive for detecting the
10 watermark than a detection operation of a watermark detection component of the
11 recording device;

12 playing the digital content recording when the watermark is not detected;

13 and

14 not playing the digital content recording when the watermark is detected.

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1 25. The article of claim 24, wherein instructions for attempting to detect
2 the watermark comprise instructions for checking the digital content recording for
3 the watermark less often than the watermark detection component in the
4 recording device.

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1 26. The article of claim 24, wherein instructions for attempting to detect
2 the watermark comprise instructions for checking the digital content recording for
3 the watermark with a computational precision more than a computational
4 precision of the watermark detection component of the recording device.

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